III. CLAIM AMENDMENTS

1-36. (Cancelled)

37. (Currently Amended) A substrate in which several electrodes are placed on which varying voltages can be applied individually and said substrate being provided with an ultraphobic coating, wherein the coating is electrically insulating and the contact angle of a water drop resting on the coatingsurface is more than 150° and the roll-off angle of a drop of water 10 µl in volume due to gravity is not more than 10° and a movement of a drop of water on the coatingsurface takes place without residues, and wherein the ultraphobic coatingsurface is an aluminum surface treated with steam and coated with a hydrophobic and/or oleophobic material.

38. (Previously Presented) The substrate according to claim 37, wherein the electrodes are substantially aligned with the surface of the substrate.

39. (Previously Presented) The substrate according to claim 38, wherein the electrodes are aligned in an array.

40. (Previously Presented) The substrates according to claim 37, wherein the ultraphobic surface has a surface topography where the spatial frequency f of the

individual Fourier components and their amplitudes a(f) expressed by the integral of the function S(log(f)) = a(f) x F calculated between the integration limits $\log(f_1/\mu m^{-1}) = -3$ and $\log(f_1/\mu m^{-1}) = 3$ is at least 0.5 and consists of ultraphobic polymers or durably ultraphobic materials.

41-49. (Cancelled)

50. (Currently Amended) A substrate in which several electrodes are placed on which varying voltages can be applied individually and said substrate being provided with an ultraphobic coating, wherein the coating is electrically insulating and the contact angle of a water drop resting on the coating~~surface~~ is more than 150° and the roll-off angle of a drop of water 10 µl in volume due to gravity is not more than 10° and a movement of a drop of water on the coating~~surface~~ takes place without residues, wherein the ultraphobic coating~~surface~~ is a surface which is coated with $Ni(OH)_2$ particles and covered with a hydrophobic and/or oleophobic material.

51. (Previously Presented) The substrate according to claim 50, wherein the electrodes are substantially aligned with the surface of the substrate.

52. (Currently Amended) A substrate in which several electrodes are placed on which varying voltages can be applied individually and said substrate being provided with an ultraphobic coating, wherein the coating is electrically insulating and the contact angle of a water drop resting on the coating~~surface~~ is more than 150° and the roll-off angle

of a drop of water 10 µl in volume due to gravity is not more than 10° and a movement of a drop of water on the coatingsurface takes place without residues wherein the ultraphobic coatingsurface is a tungsten carbide surface structured by a laser and covered with a hydrophobic and/or oleophobic material.

53. (Previously Presented) The substrate according to claim 52, wherein the electrodes are substantially aligned with the surface of the substrate.